

Title (en)

A method of detecting the division of a radar target.

Title (de)

Verfahren zum Detektieren der Teilung eines Radarziels.

Title (fr)

Procédé de détection du partage d'une cible-radar.

Publication

**EP 0508968 B1 19950802 (EN)**

Application

**EP 92850045 A 19920303**

Priority

SE 9101109 A 19910412

Abstract (en)

[origin: EP0508968A1] A method of detecting the division of a radar target (FL), for instance caused by the release of a weapon from an aircraft which is tracked by a monopulse radar whose antenna is aligned onto the target with the aid of azimuth and/or elevation difference signals. Division of the radar target (FL) can be detected irrespective of whether the target is equipped with and uses an interference transmitter or not, by establishing a search channel (SK) in the radar difference channels. This channel has a sensitivity which is very low in a direction towards the tracked target, but which increases rapidly in directions which deviate somewhat from the direction towards the target. The search channel can be established by comparison of the absolute values of the signal levels in the difference channels with a threshold value. <IMAGE>

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